



StonePeak Ceramics: Advancing the Legacy of Green

Located in Cumberland County, Tennessee, StonePeak Ceramics (StonePeak) is an environmentally advanced, tile manufacturing facility that produces sustainable porcelain tile for the prestigious brands of **StonePeak**, **GranitiFiandre**, **Mediterranea**, **Dolce Italia**, and **Iris**.

StonePeak is committed to *Advancing the Legacy of Green* inherited from their European predecessors, the GranitiFiandre Group. Their extraordinary environmental heritage was at the forefront of the facility's design, with site selection and technology paramount considerations. The plant site in Tennessee was chosen for its proximity to the raw materials needed for ceramic production in order to minimize the impacts of transporting raw materials from distant locations. And, significant investments were made in state-of-the-art technology to ensure minimal waste and maximum energy efficiency.

In 2005, StonePeak began sustainable tile production for the new StonePeak brand and well-established GranitiFiandre brand. More recently, unique partnerships were formed to produce materials for *Mediterranea*, *Dolce Italia*, and *Iris* brands. All of these prestigious brands and their products benefit from the environmental traditions and developing innovations associated with StonePeak.

StonePeak recently achieved GREENGUARD Indoor Air Quality and GREENGUARD for Children & Schools certifications for products produced at the facility. These certifications require products to meet stringent emissions criteria and include tests for VOCs, phthalates, and respirable particles. Products with these certifications help ensure a safe and healthy living or working space and contribute to projects seeking Indoor Environmental Quality (IEQ) credits for low-emitting flooring materials.

A third-party *recycled content certification* process has been initiated to verify StonePeak-produced materials meet stringent environmental requirements. A thorough analysis, including on-site audits, testing, and inspections, is currently being conducted by

Bureau Veritas. Once completed, these materials can contribute to projects attaining LEED points under the Materials Resource Credits 4.1 and 4.2 for recycled materials.

For projects located within 500 miles of the Tennessee facility, StonePeak-produced materials already contribute to the Materials Resource Credits 5.1 and 5.2, for locally sourced materials.

In April 2009, an exciting announcement by the Tile Council of North America (TCNA) revealed StonePeak had developed an innovative technology to produce photocatalytic tiles. A collaborative research program involving StonePeak, the TCNA, and

Legacy of Green

StonePeak and the various brands for which it produces have inherited an impressive environmental backstory – a Legacy of Green – spanning nearly fifty years from company owners, the GranitiFiandre Group. Visit gfllegacyofgreen.com for complete details.

Centro Ceramico Bologna, has recently confirmed these new tiles offer superior cleanability, sanitation, and cleaner air quality features:

- Self-cleaning hydrophilic feature reduces water surface tension thereby making water collapse and saturate soil.
- Anti-microbial feature reduces organic pollutants, as well as reduces bacterial and fungal growth.
- Air quality improvements include a reduction in both organic and inorganic air pollutants and a reduction in nitrogen oxides.

StonePeak—with its impressive environmental backstory and advancing environmental future—is a committed American leader in sustainable porcelain tile production.

